

HAVERFORDWEST
RURAL DISTRICT COUNCIL



ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and

CHIEF PUBLIC HEALTH INSPECTOR

for the Year

1965

W. J. Y. SPEEDY, M.B., B.Ch., L.R.C.P.&S., D.P.H.,

Medical Officer of Health

W. D. MORGAN, LL.B., M.A.P.H.I., C.R.S.H.,

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Preface to the Report

District Health Office,
County Health Department,
Merlins Hill
HAVERFORDWEST
October, 1966

To the Chairman and Members of
the Public Health Committee.

Mr. Chairman, Madam, and Gentlemen,

We present the Annual Report for the year 1965. The main items may be summarised as follows:

Population.

The estimated population for 1965 showed an increase of 260 (1.2%) over 1964. The present figure of 23,200 represents an increase of some 13% since 1948.

Births.

The Birth-rate was a little higher than for the previous year, and compares favourably with the National Birth-rate.

There was a small increase in the number of Still-births (still below average for District), and quite a large increase in the number of Illegitimate Births, the number being considerably above the average for the District.

Mortality.

There was a small increase in the general Death-rate over the preceding year, but the rate still compares favourably with the National rate.

The number of deaths attributed to Cancer showed an appreciable reduction, resulting in a Cancer death-rate well below the National rate.

Infant deaths remained much the same, and the Infant mortality rate for the District compares very favourably with the National rate.

There were only 2 deaths attributable to Tuberculosis, which may be compared with the average annual number of 4 for the District.

There was a 5% increase in accidental deaths, the majority being due to road accidents, and accidents in the home.

Infectious Diseases.

Apart from Measles, the incidence of Infectious Disease was low, no cases of Poliomyelitis, or Smallpox, were notified during the year.

Summaries of attendances at the Mass Radiography Unit, and of Immunisations carried out in the Combined Western Area, are given on Page 13 of the Report.

Environmental Hygiene.

The following pages contain statistical reports on the many aspects of the work of the Health department, in each case with comparison, where possible, with previous post-war years.

During the year, 54 houses were completed by the Council, bringing the total number of houses to 1,728 at the end of the year. This is a reasonably satisfactory rate of progress in house building, but it is felt that the housing need of the area calls for a yearly building programme of about eighty houses. As a result of this reduced rate of house building by the Council, our number of applicants has increased, and at the end of the year stood at 451. This is a high figure: as high in fact as the corresponding figure fifteen years ago, though 1,200 houses have been built during that time.

The Council now has a proposed programme of industrialised houses, which should be erected quickly when the preparatory work is complete. A total of about 150 of these units will considerably help the housing position, and will enable us to recover lost ground in housing of younger married people.

The Building Surveyor has already commenced work on a block of Senior Citizens' dwellings at St. Davids to be staffed by a resident warden. Each flatlet will be completely self-contained, with a minimum of communal facilities. Each occupant will be able to live as independently as he or she wishes, but the warden service will be available if necessary. In the case of St. Davids, this warden service could be extended to cover the old people's bungalows that we already have on the same housing estate. It is already plain that these flatlets are going to be very successful, and similar schemes should be put in hand immediately for all the larger centres of population, whilst maintaining a balanced building programme for younger people.

At the same time as new houses are being built, cases will be brought before you of substandard properties in the centres of villages, where the only remedy is either acquisition by the Council for redevelopment, or where by the declaration of an Improvement area under the Housing Act 1964, owners can be required to carry out modernisation. This is a field where the Council can do an immense amount of good in improving both the appearance and the amenities in village centres. This is one way in which a public authority can help to halt the drift away from the smaller villages, which is still evident in the area.

The Council's policy is to restrict building near to the larger centres of population—Merlins Bridge and Johnston for example, as we attract to these areas large numbers of tenants from the outlying villages. This policy leaves us with many urgent housing problems which we cannot solve—in particular large numbers of families live in caravans or residential sites. It is, however, most important to keep the villages and our outlying housing sites from becoming under-occupied. Based on figures alone, our housing programme appears to be fairly well balanced, but the movements of people in the area are somewhat unpredictable. And of course the future of the Service Establishments within the area has a vital bearing on our housing programme.

The investigation of atmospheric pollution is one of the newer services of a local authority. Within the county so much interest

has been aroused by the prospect of new, large scale sources of sulphur dioxide and other pollutants that a rather fuller report seems needed than has been given to you in previous years. Accordingly on page 17 a report on this most important subject is given.

The health services of the local authority continue to be administered, and it has become necessary to expand them in many instances, refuse collection and cesspool emptying for example, and the control of caravan sites. Also the control of house building has become even more important since the coming into force of the Building Regulations 1964, which apply a consistent standard over the whole country, replacing local by-laws.

The Haverfordwest Rural Council showed great enterprise in building a new public abattoir to replace the one taken out of use in the area of Haverfordwest Borough. The project was completed in record time, and it is now operating efficiently. While it would be wrong to state that we have yet overcome all the teething problems of management and effluent disposal, the Council's efforts have been well worth while.

A new meat inspection service was necessary for the new abattoir, and this has been extended to provide general supervision over poultry packing stations, in accordance with the 1961 Code of Practice: this is now a major industry, with its own hygiene problems of disposal of waste products.

The Chairman and members of the Committee have been extremely helpful. Thanks are due to them from the ratepayers and the inhabitants of the district. The clerical and inspectoral Staffs of the Public Health Department have worked hard, and we have received every co-operation from the other officers of the authority.

We remain,

Your obedient Servants,

W. J. Y. SPEEDY

Medical Officer of Health

W. D. MORGAN

Chief Public Health Inspector

CONSTITUTION OF COMMITTEES

1965—66

Chairman of the Council

Councillor A. G. BOWEN, 2, Castle Cottages, St. Ishmaels

Vice-Chairman of the Council

Councillor J. L. JAMES, Pantycnoch, Letterston (deceased)

Public Health and General Purposes Committee

Chairman

Councillor J. M. JAMES, Rhydyfarchnad, Letterston,

Vice-Chairman

Councillor W. G. GOODRIDGE, Sunnybank, 12, The Beacons,
Rosemarket

Members:

G. D. Bagley, St. Brides Hill, St. Brides.

T. P. Cousins, Hill Crest, Freystrop.

Evan J. Davies, Llys Meinor, Solva.

J. H. S. Evans, Fylingdale, 3, West Road, Hook.

W. G. Evans, West Dairy, Wiston.

A. J. B. Griffiths, 1, Park Avenue, Puncteston.

J. I. Griffiths, Loo Choo, Haverfordwest.

O. Griffiths, Hayscastle Farm, Wolfscastle.

L. G. B. Harries, The Hermitage, Fishguard Road, Haverfordwest.

E. H. L. Harries, Sunrays, Newgale, Near Haverfordwest.

D. M. James, Croft House, Ambleston (deceased).

James John, J.P., 1, Chapel Row, Llangwm.

Rev. T. C. Johns, B.A., The Rectory, Walwyn's Castle.

R. H. Llewellyn, Woodslade, Broad Haven.

B. G. Lloyd, The Farm, Little Honeyborough, Neyland.

A. C. Luke, Cnwymorfol, Letterston.

J. G. L. Maddocks, The Ship Inn, Trevine, Letterston.

T. R. L. Martin, B.A., White Rock, Broad Haven.

J. H. Morgan, 1, Llys-y-Dryw, St. Nicholas.

S. W. Mortimer, Menevia House, St. Davids.

Mrs. A. Philipps Williams, Llys-yr-Onnen, Tremarchog, Fishguard.

F. H. Philpot, M.A. (Cantab), 2, High Street, Solva.

T. Evans Richards, 8, Bryn-y-mor, Mathry.

F. Sandall, 32, Min-y-Llan, Letterston.

W. B. THOMAS, B.A., Morawel, Square and Compass.

W. E. Thorne, J.P., Studdolph Hall, Milford Haven.

F. L. Ward, M.M., J.P., 12, St. Mary's Park, Jordanston, Neyland.

W. G. Watts, Leachpool, Near Haverfordwest.

A. J. Webb, 2, Walter's Avenue, Merlins Bridge, Haverfordwest.

Wm. Williams, The School House, Wolfscastle (deceased).

Housing Committee

Chairman

Councillor J. H. MORGAN, 1, Llys-y-Dryw, St. Nicholas

Vice-Chairman

Councillor C. G. WATTS, Ivy Court, Spittal

Members

G. O. Absalom, B.A., Cotleys, Roch.
G. D. Bagley, St. Brides Hill, St. Brides.
T. P. Cousins, Hill Crest, Freystrop.
Evan J. Davies, Llys Meinor, Solva.
J. H. S. Evans, Fylingdale, 3 West Road, Hook.
W. G. Goodridge, Sunnybank, 12, The Beacons, Rosemarket.
A. J. B. Griffiths, 1, Park Avenue, Puncheston.
J. I. Griffiths, Loo Choo, Haverfordwest.
O. Griffiths, Hayscastle Farm, Wolfscastle.
Wm. Hancock, Thornbush, Camrose.
E. H. L. Harries, Sunrays, Newgale, Roch.
W. G. Henderson, Longstone, Steynton, Milford Haven.
D. M. James, Croft House, Ambleston (deceased).
J. M. James, Rhydyfarchnad, Letterston.
G. W. John, M.B.E., B.A., Fronhaul, Druidston Cross.
James John, J.P., 1, Chapel Row, Llangwm.
W. E. John, Lambston Hall, Slade.
Rev. C. W. B. Jones, Jordanston Rectory, Dwrbach, Fishguard.
B. G. Lloyd, The Farm, Little Honeyborough, Neyland.
A. C. Luke, Cnwymorfol, Letterston.
J. G. L. Maddocks, The Ship Inn, Trevine, Letterston.
I. O. Martin, Bro Dewi, 11, Nun Street, St. Davids.
P. F. Martin, 113, Nun Street, St. Davids.
J. E. Morris, Llandigige Fawr, St. Davids.
S. W. Mortimer, Menevia House, St. Davids.
E. S. Nicholas, Rosen Green, Boulston.
V. T. Y. Noott, B.A., The School House, Johnston.
Mrs. A. Philipps Williams, Llys-yr-Onnen, Fishguard.
F. H. Philpot, M.A. (Cantab), 2, High Street, Solva.
F. Sandall, 32, Min-y-Llan, Letterston.
W. B. Thomas, B.A., Morawel, Square and Compass.
W. S. Vaughan, Pontfaen Farm, Fishguard.
F. L. Ward, M.M., J.P., 12, St. Mary's Park, Jordanston, Neyland.
A. J. Webb, 2, Walters Avenue, Merlins Bridge, Haverfordwest.

Finance Committee

Chairman

Councillor P. F. MARTIN, 113, Nun Street, St. Davids

Vice-Chairman

Councillor W. E. JOHN, Lambston Hall, Lambston

Members

G. O. Absalom, B.A., Cotleys, Roch.
G. F. Dicks, F.C.A., Apple Tree Cottage, Port Lion, Haverfordwest.
W. G. Evans, West Dairy, Wiston.
Wm. Hancock, Thornbush, Camrose.
L. G. B. Harries, The Hermitage, Fishguard Road, Haverfordwest.
W. G. Henderson, Longstone, Steynton, Milford Haven.
G. W. John, M.B.E., B.A., Fronhaul, Druidston Cross.
Rev. T. C. Johns, B.A., The Rectory, Walwyn's Castle.
Rev C. W. B. Jones, Jordanston Rectory, Dwrbach, Fishguard.
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J. E. Morris, Llandigige Fawr, St. Davids.
E. S. Nicholas, Rosen Green, Boulston.
V. T. Y. Noott, B.A., The School House, Johnston.
T. Evans Richards, 8, Bryn-y-mor, Mathry.
W. E. Thorne, J.P., Studdolph Hall, Milford Haven.
C. G. Watts, Ivy Court, Spittal.
W. G. Watts, Leachpool, Haverfordwest.
Wm. Williams, The School House, Wolfscastle (deceased).

Development Committee

Chairman

Councillor E. H. L. HARRIES, Sunrays, Newgale

Vice-Chairman

Councillor R. H. LLEWHELLIN, Woodslade, Broad Haven

Members

G. O. Absalom, B.A., Cotleys, Roch.
T. P. Cousins, Hill Crest, Freystrop.
Evan J. Davies, J.P., Llys Meinor, Solva.
J. H. S. Evans, Fylingdale, 3, West Road, Hook.
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W. G. Watts, Leachpool, Haverfordwest.
A. J. Webb, 2, Walter's Avenue, Merlins Bridge, Haverfordwest.
Wm. Williams, The School House, Wolfscastle (deceased).

Officers of the Council

	Date of Appointment
Clerk	
H. J. Dickman, F.A.C.C.A., F.R.V.A.	21st September, 1954
Deputy Clerk	
I. Ll Evans, A.A.C.C.A.	1st November, 1956
Engineer and Surveyor	
A. J. Davies, M.B.E., M.Inst., Mun.E., M.R.S.H., A.R.I.C.S. M.I.E.S.	6th May, 1942
Sewage Works Manager	
R. Wilkinson, A.M.I.S.P.	13th December, 1965
Building Surveyor	
T. E. Owen	1st October, 1949
Deputy Building Surveyor	
S. Smith	8th December, 1952
Chief Public Health Inspector and Housing Manager	
W. D. Morgan, Ll.B., M.A.P.H.I., C.R.S.H., Barrister-at-Law	14th August, 1961
Deputy Chief Public Health Inspector	
D. F. Nicholson, M.R.S.H., M.A.P.H.I.	1st November, 1947
District Public Health Inspectors	
U. A. Evans, M.R.S.H., M.A.P.H.I.	31st July, 1950
R. D. Page, M.A.P.H.I.	13th November, 1961
Senior Meat Inspector and Abattoir Superintendent	
D. Bamford, C.R.S.H., M.Inst.M.	24th October, 1964
Medical Officer of Health	
W. J. Y. Speedy, M.B., B.Ch., L.R.C.P. & S., D.P.H.	1st October, 1947

SECTION 1

Vital Statistics and Epidemiology

Area of Rural District in Acres	...	...	...	...	172,097
Rateable Value	...	...	...	...	£918,801
Number of Parishes	...	...	...	...	66
Sum represented by a Penny Rate	...	...	...	...	£4,088
Number of Inhabited Houses	...	...	...	...	7,144
Other Premises	...	...	...	...	1,085
Vacant Houses	...	...	...	...	400

SUMMARY OF STATISTICS 1965

General Birth-rate	...	...	...	18.8/1000	population
General Death-rate	...	...	...	10.8/1000	population
Cancer Death-rate	...	...	...	1.3/1000	population
Infant Mortality Rate	...	...	...	16.0/1000	Live Births

POPULATION TABLE

Year	Estimated population	Natural Increase
1948	20,540	99
1949	20,250	153
1950	21,320	116
1951	21,560	116
1952	21,500	164
1953	22,240	147
1954	22,510	138
1955	22,470	131
1956	22,820	127
1957	22,690	118
1958	22,670	140
1959	22,970	122
1960	22,620	206
1961	21,910	137
1962	21,960	85
1963	22,220	142
1964	22,940	180
1965	23,200	192

Birth Statistics

CLASSIFICATION OF LIVE-BIRTHS

	Male	Female	Total
Legitimate	220	197	417
Illegitimate	15	9	24
	<hr/> 235	<hr/> 206	<hr/> 441

CLASSIFICATION OF STILL-BIRTHS

	Male	Female	Total
Legitimate	7	3	10
Illegitimate	0	0	0

GENERAL BIRTH-RATES

General Birth-Rate for District, 1965	...	18.8/1000	population
General Birth-Rate for County, 1965	...	19.3/1000	population
General Birth-Rate England & Wales, 1965	...	18.4/1000	population

STILL-BIRTH RATES

Still-birth Rate for District for 1965	...	22.1/1000	Total Births
Still-birth Rate for England & Wales, 1965	...	15.7/1000	Total Births

COMPARATIVE BIRTH TABLE

Year	Birth rate		No. of Still Births		No. of Illegitimate Births	
1947	...	19.7	...	15	...	27
1948	...	16.5	...	17	...	21
1949	...	18.1	...	10	...	21
1950	...	17.5	...	8	...	20
1951	...	17.2	...	11	...	20
1952	...	18.8	...	11	...	20
1953	...	17.3	...	9	...	15
1954	...	16.3	...	9	...	12
1955	...	16.1	...	15	...	15
1956	...	15.1	...	11	...	13
1957	...	16.5	...	11	...	10
1958	...	17.3	...	9	...	14
1959	...	16.2	...	10	...	13
1960	...	18.0	...	11	...	20
1961	...	17.2	...	12	...	18
1962	...	15.7	...	8	...	18
1963	...	18.8	...	5	...	13
1964	...	18.0	...	9	...	16
1965	...	18.8	...	10	...	24

Average Birth-rate ... 18.3/1000 population

Average Still-births ... 11

Average Illegitimate Births 18

MORTALITY STATISTICS

Classification of Deaths

	Male	Female	Total
Diseases of Heart and Circulatory System	68	50	118
Diseases of Brain and Nervous System	18	19	37
Cancer (all forms)	21	9	30
Disease of Respiratory System	14	12	26
Accidental and Violent Deaths	9	6	15
Diseases of Kidneys and Urinary System	3	6	9
Infant Deaths	4	3	7
Diseases of Digestive System	2	1	3
Diseases of the Blood	0	2	2
Tuberculosis	0	2	2
<hr/>			
	139	110	249
<hr/>			

General Death Rate

General Death-rate for District for 1965	10.8/1000 population
General Death-rate for Pembrokeshire, 1965	12.5/1000 population
Death-rate for England and Wales, 1965	11.5/1000 population

Deaths in age-groups

0—1 years	7
1—15 years	2
15—30 years	4
30—50 years	18
50—70 years	89
70+ years	129

Cancer Mortality Classification

		Male	Female	Total
Abdominal	...	4	1	5
Respiratory	...	7	0	7
Others	...	10	8	18
		21	9	30

Cancer Death Rates

Cancer Death-rate for District for 1965 = 1.3/1000 population

Cancer Death-rate for England & Wales 1965 = 2.2/1000 population

Infant Mortality Classification

			Male	Female	Total
Pneumonia	...	...	1	1	2
Developmental Defects	.		2	1	3
Others	...	...	1	1	2
			4	3	7

Infant Mortality Rates

Infant Mortality rate for District, 1965 ... 16.0/1000 Live Births

Infant Mortality rate for Pembrokeshire ... 22.79/1000 Live Births

Infant Mortality rate England & Wales ... 19.0/1000 Live Births

Accidental and Violent Deaths Classification.

			M	F	Total
Home Accidents	...	...	1	3	4
Road Accidents	...	...	3	3	6
Works Accidents	...	...	1	0	1
Railway Accidents	...	...	2	0	2
Suicide	...	...	1	0	1
Others	...	...	1	0	1
Total	...	...	9	6	15

COMPARATIVE MORTALITY TABLE

Year	General Death Rate	Cancer Deaths	Infant Deaths	Violent & Accidental Deaths	Tuberculosis Deaths
1948	11.7	42	4	9	4
1949	11.1	36	9	12	13
1950	12.1	39	10	11	9
1951	11.8	44	18	10	5
1952	11.2	33	10	9	6
1953	10.4	32	8	10	5
1954	11.2	54	12	10	4
1955	12.9	36	10	9	7
1956	10.5	37	9	10	2
1957	11.9	35	15	7	1
1958	11.1	35	13	16	3
1959	10.9	45	5	16	2
1960	11.1	38	11	11	2
1961	10.7	33	10	8	9
1962	11.6	45	13	9	1
1963	12.3	51	7	9	0
1964	10.0	42	8	10	3
1965	10.8	30	7	15	2

Average Death-rate	...	...	...	11.3
Average No. Cancer Deaths	...	...	...	39
Average No. Infant Deaths	...	...	...	10
Average No. Accidental Deaths	...	...	...	10
Average No. Tuberculosis Deaths	...	...	...	4

INFECTIOUS DISEASES

Classification

The following Infectious Diseases were notified during the year :—

	M	F	Total
Measles	237	149	386
Scarlet Fever	1	1	2
Whooping Cough	3	1	4
Pulmonary Tuberculosis	5	4	9
Non-pulmonary Tuberculosis	1	0	1

Miniature Mass Radiography

Attendance for Western Area 1965.

Haverfordwest	1,402
Hakin	197
Milford Haven	834
	<hr/>
	1,031
Royal Naval Depot	738
Kraft Factory	51
Solva	73
	<hr/>
Total	3295

SUMMARY OF IMMUNISATIONS—WESTERN AREA 1965

	Primary	Boosters	Total
Poliomyelitis	1,300	750	2,050
Tuberculosis	473	—	473
Diphtheria	1,270	1,157	2,427
Tetanus	1,279	791	2,070
Whooping Cough	1,270	—	1,270
Smallpox	445	93	538
Yellow Fever	179	—	179
	<hr/>	<hr/>	<hr/>
Total	6,216	2,791	9,007

District Nurses

The rural district is served by ten nurses covering the following parishes:—

Camrose and Roch	Dale and Marloes
Freystrop and Llangwm	Hayscastle
Johnston and Rosemarket	Letterston
Solva	St. Davids
Trevine	Wolfscastle

A further twelve nurses based in urban areas also attend cases within the rural district whenever necessary, so that the Authority's area is served by twenty-two nurses, in addition to which there are five relief nurses on call.

SECTION II

Sanitary Circumstances of the Area

WATER SUPPLIES

This area is now a constituent part of the Pembrokeshire Water Board, on whom we are represented by five members. The Board now supplies all the district with water, and the Council's water schemes have been handed over. At the present moment a figure approaching 95 per cent. of all the properties in the area is supplied with water by the Board, who have approximately 450 miles of water mains. The Council continues to be responsible for some of the public health aspects of water, and for this reason a programme of sampling has had to be continued, concerned not primarily with chemical quality of the water but with whether or not it contains pathogenic bacteria and whether the system of sterilisation has been effective.

A total of thirty-four samples for bacteriological examination and six samples for chemical analysis were taken. The results have been discussed with the Board in each case, and we have found the officials and members of the Water Board most co-operative.

SMALL AGRICULTURAL SCHEMES

Approximately 160 farms are not supplied by the Board. Instead they have their own water supplies which have been put in with grant-aid from the Agricultural Executive Committee. These sources are mostly from wells and springs.

Rainfall and Temperature

TEMP.—°F

RAINFALL												1964	1963	1962	1961	1960	1959	1965
Month	St. Plu- Davids stone	Hot- wells	Morvil	Solva	Felin-Nolton Rose- wynt Haven bush		Llanwnda		Plumstone			Max	Min					
January	6.26	6.93	5.73	3.71	5.81	4.21	5.86	10.25	7.18	1.15	0.25	9.99	5.34	6.24	5.17	51	21	
February	3.19	5.11	6.06	6.00	3.53	2.02	4.29	7.47	4.69	1.86	0.89	1.39	3.73	4.63	0.84	48	20	
March	2.61	3.03	3.32	4.13	2.55	2.00	3.20	4.19	2.82	3.97	4.13	2.90	0.70	1.87	3.57	65	16	
April ...	2.49	2.96	2.96	3.60	2.30	1.87	2.05	3.17	2.00	2.06	4.63	3.48	6.16	4.08	2.87	60	26	
May ...	2.42	3.25	3.32	3.82	2.67	2.14	2.82	4.29	2.48	4.28	2.08	3.20	2.99	1.84	1.07	69	26	
June ...	3.17	3.53	5.35	5.17	3.28	2.71	3.07	5.35	4.05	3.33	4.38	2.31	1.96	1.92	0.97	70	34	
July ...	1.25	2.11	2.86	4.20	1.77	1.55	1.77	3.37	1.61	3.68	2.72	2.37	3.03	5.59	2.78	73	40	
August	2.11	2.80	3.69	5.07	2.44	1.78	2.30	3.80	2.51	2.42	4.50	5.36	4.57	3.48	1.82	79	38	
September	4.87	6.20	7.55	6.85	5.60	3.95	4.87	7.91	5.04	2.12	2.77	4.62	6.22	7.62	0.26	67	36	
October	0.67	1.47	2.00	2.73	1.10	0.77	0.83	2.07	1.12	5.15	4.12	2.02	7.16	5.01	8.31	65	32	
November	4.42	5.91	5.94	7.71	4.58	4.66	6.10	6.68	4.84	2.40	8.40	4.39	3.72	9.34	13.17	54	21	
December	6.60	10.84	12.52	17.42	8.34	5.27	8.44	15.33	8.37	6.93	1.53	3.73	3.99	7.30	7.90	54	23	
Total ...	40.06	54.14	61.30	70.41	43.97	32.93	45.60	73.88	44.71	39.35	40.40	41.76	49.57	58.92	48.73			

RAINFALL AND TEMPERATURE

The contrasts between the rainfalls recorded at the stations quoted indicate the great variation between the coastal belt and the mountain area.

Notes on Rainfall Recording Stations

Station	Situation	Annual Rainfall 1965
Plumstone	500 ft. above sea level approximately 5 miles from coast	54.14
Morvil	Approximately 500 ft. above sea level on foothills of Prescelly Mountains. Surrounding area near to approxi- mately 1,000 ft. above sea level.	70.41
Felinwynt	405 ft. above sea level at eastern base of St. Davids Peninsula, 1½ miles from sea to north and 4 miles from sea to south.	32.93
Llanwnda	375 ft. above sea level on Pencaer Peninsula. Approximately 1½ miles from sea to north with hill rising to 600 ft. behind it to south.	44.71
Hotwells, Little Newcastle	600 ft. above sea level minimum 7 miles from west coast outlying flank of Prescellies.	61.30
Solva	300 ft. above sea level and ½ mile from sea on highest land in neigh- bourhood.	43.97
Nolton Haven (by courtesy of Rev. B. Townson, M.A.)	50 ft. above sea level 300 yards from sea with hills rising to 350 ft. within mile.	45.60
St. Davids (by courtesy of J. Elliot Morris, Esq., Llandigige)	280 ft. above sea level 1½ miles from coast; gradual fall to west.	40.06
Rosebush	800 ft. above sea level near Prescelly Reservoir.	73.88

Temperature records are also now maintained at three stations—the Rural District Council Offices, Haverfordwest; at the Counting House, Nolton Haven (by courtesy of Rev. B. Townson, M.A.) and at Llandigige Fawr, St. Davids (by courtesy of Councillor J. Elliott Morris) and these give most interesting comparisons. Minimum temperatures at Nolton Haven, for example are consistently lower than those at Haverfordwest by 7 degrees F-10 degrees F. Barometric pressure records were also kept at Nolton Haven until October and are now kept at Burton Ferry.

Rainfalls are regularly forwarded to the Department of Civil Engineering at Liverpool University to assist on hydrographical research of the Cleddau Basin.

Investigation of Atmospheric Pollution

Atmospheric pollution is caused by a combination of factors. Certain meteorological conditions accumulate gases such as sulphur dioxide, carbon monoxide and unburnt hydro-carbons, which combined with smoke particles form the typical air of heavily industrialised areas. In the worst of these towns the death rate from chronic bronchitis may be over four times that in rural areas. Obviously these conditions are to be avoided at all costs, and it is because of the new large scale sources of sulphur dioxide from industrial installation that the present extensive programme of sampling was commenced five years ago.

Sulphur dioxide is the only major gaseous pollution that we will encounter in Pembrokeshire from the new industries, apart from certain unburnt hydro-carbons which are unfortunately only too evident in areas surrounding refineries. These gases, as far as is known, are not a hazard to health, however much of a smell nuisance they may be. The quantities involved are extremely minute: too small to be measurable by any apparatus at present available. The refineries are now becoming rather more expert at controlling the escape of these gases, so that conditions there will probably improve.

However the emission of sulphur dioxide is inevitable as virtually all the sulphur in every form of fuel burnt must leave in the flue gases. Industry on the Haven will discharge about 450 tons of sulphur daily into the atmosphere. Extraction is difficult: the "wet" method of washing with alkaline water is virtually useless owing to cooling of the flue gases and loss of buoyancy of the plume of gas, and a dry method is still some years away from being economically practicable. The chimneys are designed to discharge at such a height as will ensure that the gases are spread over such a large area as to obviate, at least in theory, any high concentration.

We are now using automatic apparatus for measuring sulphur dioxide and smoke, stationed at three main points. One is at Burton, where the maximum sulphur dioxide concentration would be expected. Another is at Withybush, where sulphur could originate from the Haven and also from domestic chimneys in the Borough of Haverfordwest. A further point is on a forestry plantation at Slebech: this site was selected because certain coniferous trees are known to be more sensitive to sulphur than other crops, and the effect may be cumulative. This year, another point is to be brought into use at the Woodstock Transmitting Station, which represents the furthest point at which a reading could be obtained of sulphur emanating from the Haven.

There is no standard for air purity: readings must be compared with other areas, and for this purpose we are guided by the Warren Spring Laboratory of the Ministry of Technology, to which results are submitted and analysed by computer. The Ministry have formed a Standing Conference of Co-operating bodies for the examination of results, and for advising local authorities. They have always been extremely helpful, and their meetings are attended regularly.

Readings will be collected from these sampling points for a period of two complete years before the Pennar Power Station comes

into part operation, and for further successive years, when the station is in part operation, and full operation. The effects of the new Gulf Refinery can also be investigated.

Results of Smoke and SO₂ Estimations

For the information of the Council, the following are typical results that we have obtained so far from our analyses. The results are obtained in a highly detailed form, but the figures below are simplified.

Station	Smoke				SO/2	Ratio	
	Expressed as				Expressed	Smoke/SO2	
	Microgrammes per				as Micro-		
	cubic metre				grammes per		
					cubic metre		
Withybush	5	1631
Burton	3	5106
Slebech	3	2015

These results are of course meaningless unless for purposes of comparison, other figures are given. So from the Ministry's monthly results I have selected a South Wales industrial town, and also an area more rural than ours.

			Smoke	SO/2	Smoke/SO/2 Ratio
Industrial town	...	...	68	97	.70
Rural area	...	...	2	9	.21

These are typical summer figures: winter figures show an increase in smoke, and therefore an increase in the Smoke/SO₂ ratio, caused by domestic smoke emitted at low level. The amount of sulphur dioxide does not vary during the year to any great extent.

New sources of sulphur from high chimneys will certainly increase these figures, but the sulphur concentration will have to be very high to become discernible to the average person, bearing in mind the climate of the area. To become a dirty atmosphere, the level of other contaminants such as carbon monoxide, smoke, acid smut and grit must also rise, and this can be prevented with care. We are not likely at this stage to have to deal with carbon monoxide as a pollutant, as this arises for the greater part from the exhaust gases of motor vehicles, and no measurable concentration should be present in this area. Domestic smoke is not a problem, but should it ever become so, the Council have a remedy in the Clean Air Act, 1956, by declaring an area, within which only smokeless fuels may be burnt and thereby eliminating domestic smoke as a pollutant.

SEWERAGE

The Council has accepted a series of four programmes for sewerage schemes for all the large villages and groups of properties. The present position with regard to all the schemes undertaken or to be undertaken by the Council is as follows:—

Schemes previously completed

Ambleston	Solva Works Extension
Bethany Row	Slade Lane
Broad and Little Haven	Tiers Cross
Camrose	Trevine
Cardigan Road	Herbrandston Works Extension
Dale	Hook
Fishguard Road	Clarbeston Road
Hamlet St. Martin	Simpson Cross
Herbrandston	Croesgoch
Johnston	Spittal
Letterston East	Freystrop
Letterston West	Castlemorris
Llangwm—Butterhill	Puncheston
Llanstadwell	Uzmaston Village
Mathry	Middle Mill
Merlins Bridge	Leonardston Road
Pembroke Ferry	St. Nicholas
Rosemarket	Marloes
Sceddau	Caerfarchell
St. Davids	Llandeloy
St. Ishmaels	Thornton
Solva	

Programme No. 2

Waterston Village	...	Scheme completed.
Llanychaer	... ..	Scheme prepared.

Programme No. 3

Roch	Scheme submitted to Welsh Office, but subsequently withdrawn and new scheme covering Roch, Newgale, Simpson Cross and Keeston has been prepared.
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Programme No. 4

Wolfscastle	Scheme prepared and submitted to Welsh Office.
Crundale	... ..	Scheme prepared and submitted to Welsh Office.
Uzmaston Road	... ..	Scheme completed.
Portfield Gate	... ..	} To be prepared.
Talbenny and Hasguard	... ..
Penycwm	... ..
Vachelich	... ..
Nolton	... ..
Walton East	... ..
Wiston	... ..	} To be prepared.
Treffynnon	... ..
Square and Compass	... ..	Scheme prepared.
Little Newcastle	... ..	Scheme prepared and submitted to Welsh Office.

Burton North	...	...	Scheme prepared and approved by Welsh Office.
Tufton	...	...	To be prepared.
Wallis	...	...	Scheme prepared and submitted to Welsh Office.
Panteg	...	...	Scheme in progress.
Walton West Works Extension	...	...	Scheme prepared and submitted to Welsh Office.

At the present time approximately 56 per cent. of the houses in the rural district have main sewerage facilities. The Council has 57 Disposal Works of various types.

Sewage Analysis

A regular programme of sewage analysis has been instituted and the Council is setting up its own laboratory, so that a close control can be kept by the Engineer and the Sewage Works Manager on the operation of the various works.

Private Sewerage Schemes

There are 31 schemes in operation serving Council housing estates. The sewage from the 48 houses at Wesley Place, Trecwn, is treated at the R.N.A.D. disposal works.

House Sewerage Connections

The number of premises, excluding Council estates, connected to sewerage schemes during 1965 is as follows:—

Herbrandston	...	...	2
Camrose	...	...	4
Solva	...	...	7
Merlins Bridge	...	...	1
Johnston	...	...	8
Letterston	...	...	6
Llanstadwell	...	...	12
Spittal	...	...	1
Llanrhian	...	...	1
Roch	...	...	4
Little Haven	...	...	1
Burton	...	...	5
Llangwm	...	...	7
Steynton	...	...	19
Marloes	...	...	4
Puncheston	5
Uzmaston	14
Rosemarket	2
Clarbeston Road	1
Brawdy	1
St. Ishmaels	2

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Other Conversion Schemes

In addition to the properties connected to the various sewerage schemes, sanitary conversion schemes with drainage to cesspool or septic tank units have been carried out by property owners in 76 cases. The fact that 51 of these were undertaken as part of house improvements schemes again shows the valuable contribution made by improvement grants raising the standard of public health in the district.

Emptying of Cesspools

There has been a demand for this service, 735 cesspools being emptied during the year, an increase of 96 on the previous year. Forty-three of these were in areas outside the rural district where similar services were lacking.

The nominal charge of £1 for the emptying of cesspools at private dwellings within the district ceased as from the 1st April, 1963. The nominal charge of £4 5s. for business premises in the area is still in operation.

The Council has two cesspool emptiers and these vehicles are fully engaged in the emptying of numerous disposal works and provide an efficient service.

Drainage Inspections

A great deal of the District Inspectors' time was again devoted to advisory work and inspection of drainage installations in connection with the construction of new buildings and improvement works carried out to existing properties. One hundred and fifteen visits were made for inspection purposes and 101 tests carried out on drainage schemes.

In addition 2 surveys were made of properties in connection with proposed sewerage schemes, and 33 visits were made in regard to inspection of sewers and disposal works.

Public Cleansing

REFUSE COLLECTION AND DISPOSAL

Additional properties were brought into the collection area as a result of increased demand, especially from farm houses and cottages in isolated situations. These additional collections are of course comparatively costly in terms of time and mileage compared with the more urban areas.

Considerably increased costs are to be expected during the summer months with the increase of population in the area, and camping sites present us with a serious refuse and litter problem. Litter is collected daily from the seaside villages, and refuse receptacles on lay-bys are also collected as often as possible, daily if necessary.

The greater amount of refuse disposal now takes place on two sites only, with some improvement in conditions.

PUBLIC CONVENIENCES

More and more difficulty is found in finding suitable local persons to look after public conveniences on a part-time basis. As a result, we have to use transport to send workmen twice daily to these conveniences, and in two cases we have full-time caretakers appointed for the summer months.

When the conveniences now proposed are built, we will have a total of twenty-five, mostly in the coastal areas.

RODENT CONTROL

During the year the Council continued its scheme for dealing with infestation of rats and mice at farms as well as industrial premises, private and Council-owned dwellings, Council tips and sewerage works.

The work has been most efficiently carried out by the three operators, and rat and mouse infestation is kept under successful control.

During the year 184 farms and other premises were under contract. The following is a summary of the work of the rodent operators:—

Type of Property	No. Infested	No. of Properties found infested		Total Treatments
		By Rats	By Mice	
Local Authority ...	72	67	5	80
Dwelling Houses ...	349	337	16	370
Business Premises ...	27	25	3	26
Agricultural Premises	303	301	4	743
	<hr/> 751	<hr/> 730	<hr/> 28	<hr/> 1,219

DISINFECTION AND DISINFESTATION

Twelve premises were disinfected following vermin infestation and infectious diseases.

NATIONAL ASSISTANCE ACT, 1948

There was one case requiring burial under the provision of the National Assistance Act, 1948. There were no cases in need of care and attention requiring removal to Homes.

DISPOSAL OF ANIMAL CARCASSES

Arrangements were made for the disposal of nine sheep, one cow and four pigs washed ashore on various beaches.

ANIMAL BOARDING ESTABLISHMENT ACT 1963

The Animal Boarding Establishment Act came into force during 1964. This Act requires that boarding establishments should be registered and certain regulations observed. As this work has relation to public health, the work of registration and inspection has been undertaken by the Public Health department. We have two premises in the area which are affected. Both have been registered after inspection, and conditions are satisfactory.

OFFICES, SHOPS AND RAILWAY PREMISES ACT

Additional duties were placed on the Council's staff during 1964 in the registration and inspection of all properties coming within the Offices, Shops and Railway Premises Act, 1963. All shops and offices have to be registered with the exception of shops and offices where only members of the occupiers' immediate family are employed, or where less than 21 hours weekly are worked. Certain shops and offices are already registered under the Factories Act and these do not come within the definition. With all new registered premises, the Council has a duty to carry out inspection to see whether all conditions affecting health and safety are complied with.

Regulations have been made by the Ministry about sanitary conveniences, ventilation, working temperatures, water supplies, overcrowding, protection of machinery and various other aspects. So far we have registered 35 properties under the Act and the work is continuing.

FACTORIES ACT, 1961

There are now 251 factories on the departmental Factories Register compared with 254 last year. Details of the type of factories inspected and the action taken are set out in the following tables:—

1. Inspection for Purpose of Provision as to Health

Premises	No. on Register	No. on Inspection	No. of written Notices	Occupiers Prosecuted
(i) Factories in which Section 1, 2, 3, 4, and 6 are to be enforced by Local Authorities ...	79	12	—	—
(ii) Factories not in- cluded in (i) in which Section 7 is enforced by the Local Authority ...	116	6	—	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding Out- workers' Premises)	56	8	—	—
	<u>251</u>	<u>26</u>	<u>—</u>	<u>—</u>

2. Defects Found

	Found	Remedied	No. of Defects Referred by H.M. to H.M. Inspector	No. of Defects Referred by H.M. to H.M. Inspector	No of cates in which Prose- cutions were instituted
Sanitary Convenience					
(a) Insufficient	—	2	2	—	—
(b) Unsuitable or defective	—	—	—	—	—
Totals	<u>—</u>	<u>2</u>	<u>2</u>	<u>—</u>	<u>—</u>

SANITARY INSPECTION OF THE AREA

Summary of Visits and Inspections made by the Public Health Inspectors.

Complaints investigated	...	...	...	...	...	277
Public Health Act						
Premises	...	...	...	...	...	119
Caravan Sites	...	...	...	...	...	114
Individual Caravans	...	...	...	...	...	46
Itinerants	...	...	...	...	...	10
Hutments	...	...	...	...	...	12
Schools	...	...	...	...	...	6
Public Conveniences	...	...	...	...	...	499
Public Health Nuisance	...	...	...	...	...	74
Drainage Inspections	...	...	...	...	...	115
Drain Tests	...	...	...	...	...	101
Sewers and Disposal Works	...	...	...	...	...	33
Sewer Surveys	...	...	...	...	...	2
Sanitary Accommodation and Conversions	...	...	...	...	...	15
Water Supplies and Sampling	...	...	...	...	...	59
Watercourses and streams	...	...	...	...	...	5
Infectious Diseases—Investigations	...	...	...	...	...	8
Disinfection and Disinfestations	...	...	...	...	...	20
Vermin/Insect Infestations and Treatments	...	...	...	...	...	18
Rodent Control	...	...	...	...	...	1230
Refuse Collection	...	...	...	...	...	103
Disposal of refuse	...	...	...	...	...	77
Housing Acts						
Slum Clearance	...	...	...	...	...	46
Repairs and General Reconditioning	...	...	...	...	...	43
Improvement Grants	...	...	...	...	...	123
Council Houses	...	...	...	...	...	181
Investigation of Housing Applications	...	...	...	...	...	399
Investigation of Garage Applications	...	...	...	...	...	37
Factories Acts	...	...	...	...	...	26
Food and Drugs Act and Regulations						
Dairies and sampling of milk	...	...	...	...	...	108
Ice Cream premises and sampling	...	...	...	...	...	38
Bakehouses	...	...	...	...	...	10
Cafes, Schools and Industrial Canteens and Hotels	...	...	...	...	...	18
Licensed Premises	...	...	...	...	...	8
Various other Food Shops	...	...	...	...	...	150
Street Vendor Vans	...	...	...	...	...	3
Knackers Yards	...	...	...	...	...	8
Unsound Food	...	...	...	...	...	12
Meat Inspection	...	...	...	...	...	20

Miscellaneous

Offices, Shops and Railway Premises Act 1963	...	...	55
Petroleum Installations	...	...	18
Smoke Nuisance	...	...	4
National Assistance Act	...	...	2
Cemetery	...	...	6
Rating and Valuation	...	...	3
Disposal of Carcases	...	...	5
Deck Chairs and Car Parking	...	...	6
Atmospheric Pollution	...	...	269
Diseases of Animals	...	...	2
Mass X-Ray	...	...	8
Fire Safety	...	...	2
Miscellaneous Visits	...	...	112

PETROLEUM INSTALLATIONS

During the year licences were approved for new installations at three premises and licences in respect of ninety-nine premises were renewed. The installation and testing of new tanks were supervised by the Public Health staff. Inspections of all premises prior to re-licensing were carried out by the staff of the Chief Fire Officer and I am grateful to him for his co-operation in this matter.

Thirty-two notices were served requiring repairs and improvements to comply with the Council's licensing requirements:—

Securing of tank inlets	...	...	5
Provision, repainting and re-siting of Cautionary Notices	...	...	10
Renumbering and replacing dipsticks	...	...	2
Provision, testing and re-siting of foam extinguishers	...	...	9
Replace delivery hose	...	...	1
Pressure tests on tank	...	...	8

SECTION III

Council House Development

Council properties on the 31st December, 1965, totalled 1,728, of which 1,675 were constructed and 53 acquired by the Council.

(a) Constructed by Council

Pre War

Parlour-type 3 Bedroom	...	...	...	1	
Non-Parlour-type 3 Bedroom	...	...	...	24	25
				<hr/>	

War-Time and Post War

Parlour-type 3 Bedroom	...	...	...	632	
Non-Parlour 4 Bedroom	...	...	...	6	
Non-Parlour 3 Bedroom	...	...	...	556	
Non-Parlour 2 Bedroom	...	...	...	12	
Flats, 2 Bedroom	...	...	...	39	
Bungalows 3 Bedroom	...	...	...	2	
Bungalows 2 Bedroom	...	...	...	394	
Bungalows 1 Bedroom	...	...	...	9	

(b) Acquired Properties

St. Mary's Park, Llanstadwell	...	32 pre-war dwelling houses forming forming part of the Welsh Land Settlements. Repair and improvements
Leonardston Road	...	Terrace of nine houses. Major structural alterations com- pleted 1959
Old School House, Talbenny	...	Disused school premises converted into five bedroom dwelling
Rose Cottage, Merlins Bridge	...	Two cottages awaiting further im- provements
Green Lane, Waterston	...	Five sub-standard cottages acquired in 1959. Conversion to three bungalows completed
Spittal Police House		Acquired.
14, Rectory Road, Llangwm	...	Acquired.
Supply Stores, Letterston	...	Acquired.
The Mill, Llanstadwell	...	Acquired and converted into three flats

Nine 3 Bedroom parlour houses, two 3 Bedroom bungalows, forty-one 2 Bedroom bungalows and two 1 Bedroom bungalows were completed and occupied on the following estates:—

Johnston	... ..	Three 3 Bedroomed houses
		Four 2 Bedroomed bungalows
Llangwm, Hook	... ..	Two 3 Bedroomed houses
		Six 2 Bedroomed bungalows
Llanrhian	... ..	Two 3 Bedroomed Non-Parlour Bungalows
		Two 2 Bedroomed bungalows
Llanstadwell, Waterston		Eight 2 Bedroomed bungalows
Mathry	... ..	Four 2 Bedroomed Bungalows
North Prendergast	... ..	One 3 Bedroomed House
Rosemarket	... ..	Two 3 Bedroomed Houses
		Six 2 Bedroomed Bungalows
Rudbaxton	... ..	Four 2 Bedroomed Bungalows
St. Davids	... ..	One 3 Bedroomed House
Whitchurch—Solva	...	Five 2 Bedroomed Bungalows
		Two 1 Bedroomed Bungalows
Wiston	... ..	Two 2 Bedroomed Bungalows

Eighty-two units were under construction at the end of the year:

Llanrhian—Trevine	...	8 Bungalows
Letterston	... ..	8 Bungalows
St. Ishmaels	... ..	8 Bungalows
Walton West—Broad Haven	... ..	15 Houses (Private)
Johnston	... ..	4 Houses and 6 Bungalows
North Prendergast	...	1 House
Fishguard South	... ..	9 Bungalows
Llangwm—Llangwm	...	2 Bungalows
Hook	... ..	4 Bungalows
Wiston—Clarbeston Road		2 Houses
Haroldston St. Issells		
Merlins Bridge	... ..	8 Houses and 7 Bungalows

Housing Vacancies on Existing Sites

In addition to the occupation of 54 new houses and bungalows, the following vacancies on existing estates were filled:—

Ability-to-Pay	... ..	6
Subsidised Houses	... ..	72
Subsidised Bungalows	... ..	29
Subsidised Flats	... ..	7

In total therefore, 168 applicants were rehoused on new and existing estates in 1965. This compares with 155 in the previous year and 203 in 1963. These applicants are shown in various categories in the following table:—

Category

Ordinary Applicants

(a) Living inside the Rural District	... ..	136
(b) Living outside the Rural District	... ..	16
Agricultural Workers	... ..	5
Unfit Houses	... ..	11

Transfer and Exchanges

Transfer of accommodation was approved in 39 cases.				
Transfer following death of principal tenants	...	...	...	15
Transfer to other sites	...	...	...	2
Transfer on same sites	...	...	...	15
Transfer following marriage of principal tenant	...	...	...	3
Transfer for domestic reasons	...	...	...	1
Transfer between authorities	...	...	...	3

Housing Demand

There were 451 applicants registered with the Department at the end of the year under review:—

Category of Applicant	Subsidised Houses	Subsidised Bungs. and Flats	Ability- to- Pay	TOTAL
Ordinary Applicants				
(a) Living inside the Rural District	75	210	3	292
(b) Living outside the Rural District	50	80	19	149
Agricultural Workers	10	4	—	10
Slum Clearance	—	—	—	—
TOTALS	135	294	22	451

Unfit Houses

During the year under review 11 families were rehoused from sub-standard accommodation and 13 unfit houses were closed.

There was one Demolition Order made. Proposals were accepted for the repair and improvement of 2 houses and 8 undertakings not to re-let were accepted. Four premises were demolished.

Private Building Development

Ninety-one new houses were completed by private enterprise. This brings the total number of houses built privately in the post-war period to 778.

Housing Improvements

Seven hundred and ninety-two deposited plans were placed before the Council covering:—

New Houses	...	...	...	347
Improvement to Houses	...	...	...	208
Other (non domestic) buildings	...	...	...	258
Outline applications (including caravan sites)	...	...	...	244
Electricity Extensions	...	...	...	48
				1105 units

The increasingly large number of plans deposited emphasises the growing interest in obtaining improved living standards. It throws a steadily increasing burden on officers responsible for building inspection and also calls for continual care in dealing with planning aspects of those applications in close collaboration with the County Planning Authority.

Housing Improvement Grants

The Council continued its progressive policy of extending grant aid under the Housing Acts in respect of improvement and modernisation of private dwelling houses. Grants for improvement to eighty properties were approved, the total grant involved being £27,695. Standard Grants were also approved, the amount involved being £4,610. Improvement works to ninety-two houses were completed, the total grant paid in these cases being £27,169.9.0.

Since the introduction of the scheme in 1949, 1,370 grants have been approved and improvement works have been completed in 1,094 cases.

This work is undertaken in conjunction with the Building Surveyor's Department. During the year 166 visits were made by the Public Health Inspectors in respect of improvement grant applications, and visits made in connection with other works of repair and improvement.

Certificates of Disrepair

There were no Certificates of Disrepair issued during the year.

Action Taken under Housing and Public Health Acts

(a) Housing Act

Housing Inspection	...	...	...	...	512
Informal Repair Notices Served	...	...	...	...	167
Complied with by Owners (including 1964 Notices)	...	...	...	...	112
Formal Repair Notices Served	...	...	...	...	Nil
Complied with by Owners	...	...	...	...	Nil
Work carried out in default by Council	...	...	...	...	Nil
Time and Place Notices	...	...	...	...	13
Demolition Orders made	...	...	...	...	1
Houses demolished in pursuance of Demolition Orders	...	...	...	...	4
Undertaking accepted not to use premises for human habitation	...	...	...	...	8
Premises where proposals for improvement were accepted following housing action	...	...	...	...	2
Unfit houses closed as a result of housing action	...	...	...	...	13
Families rehoused from unfit houses	...	...	...	...	11
Persons rehoused from unfit houses	...	...	...	...	25

(b) Public Health Act

Formal Notices under Section 47	...	...	...	...	Nil
Complied with by owners	...	...	...	...	Nil
Formal Notices under Section 39	...	...	...	...	Nil
Complied with by owners	...	...	...	...	Nil
Informal Notices for the abatement of public health nuisances	...	...	...	...	93
Complied with by owners	...	...	...	...	77

SECTION IV

Inspection and Supervision of Food

Milk Supplies

The Rural District is scheduled as a specified area by virtue of the Milk (Specification of Areas) Order, 1957, and Tuberculin Tested Milk from bottles or pasteurised milk only may be sold.

The licensing authority report that there were 32 retailers licensed in the area at the end of the year.

Quality and production control of milk is a function of the County Council, but as a public health authority, we are concerned with the biological testing of retail milk supplies for Brucellosis and live tubercle bacilli. Sampling is now being carried out of milk where brucellosis has been reported by the Ministry Veterinary Department. Samples if necessary taken from individual cows to eliminate possible carriers. In addition we have recommenced the routine biological sampling of all retail milk supplies. The examinations are carried out by the Medical Research Council's Public Health Laboratory Service at Carmarthen, who are most co-operative.

The County Council report that of the 103 samples taken by them for keeping quality during 1965, all were found to be satisfactory.

During the year 99 samples were taken for Brucella Abortus examination. We had to make more detailed examination in the case of one herd, and individual infected cows were then eliminated from the herd.

Registration of Premises for the Manufacture and Sale of Ice Cream

There are no premises registered in the area for the manufacture of ice cream, but we have a very large number of vendors of ice cream obtaining their supply from manufacturers outside the district.

It is the Council's duty to register these premises and to ensure that there is no contravention of the Food and Drugs Act, 1955. All the premises have to conform to certain requirements as to the structural and sanitary conditions, and also to regulations about the temperature and storage of the ice cream.

A feature of ice cream during recent years has been the fact that most ice cream is now wrapped. This contributes considerably to the litter problem, but as a result it is certain that ice cream is now seldom, if ever, involved as a source of enteric diseases. A new process of manufacture is allowed under the Ice Cream Regulations, that is, the "soft" mix method by which the ice cream is manufactured in a mobile container at the time of serving. With proper precautions, these machines give a product as safe as the conventional pasteurising plants.

One hundred and three premises are registered for the sale of ice cream, and all comply with our requirements. Samples are taken and submitted to the Public Health Laboratory, Carmarthen, for examination.

UNSOUND FOOD

The following table gives details of foodstuffs found on examination to be unfit for human consumption:—

Tinned Meat	...	...	201 lbs.	3 ozs.
Tinned Fruit	...	...	109 lbs.	3 ozs.
Tinned Vegetables	...	...	30 lbs.	14 ozs.
Tinned Milk	...	...	2 lbs.	6 ozs.
Tinned Fish	...	...	1 lb.	3 ozs.

Most of the above were examined at the request of wholesalers and retailers, who asked for an opinion as to whether the foods were or were not fit for human consumption

WITHYBUSH ABATTOIR

During the year the Council's new Abattoir came into operation. The opening ceremony took place on the 24th April, 1965, and was performed by The Rt. Hon. James Griffiths, M.P., Secretary of State for Wales.

The building of the abattoir was a thoroughly progressive step undertaken by this authority following the decision of the Ministry to close the Haverfordwest Borough Abattoir, a building in a built-up area.

The site, comprising 4.83 acres, lies in part of a disused airfield, and on the 25th July, 1964, a tender was accepted for the building of the abattoir, and within a very short space of time, it was completed. It is providing a valuable amenity for the inhabitants of the rural district and the county generally.

The management of the abattoir is carried out by the public health department and a Senior Meat Inspector and Abattoir Superintendent was appointed on the 24th October, 1964, together with a Pupil Meat Inspector.

SLAUGHTER OF ANIMALS ACT—1954

Six licences to slaughter animals were issued during the year.

FOOD PREMISES—GENERAL

The following table shows the number of registered and other food premises in the rural district:—

Premises registered for the sale and storage of Ice Cream	...	103
Butchers' Shops	...	10
Butter Blending Factory	...	1
Grocery and Provision Retail Premises	...	110
Grocery and Provision Wholesale Premises	...	1
Bakehouses	...	8
Cafes, Hotels and Restaurants	...	27
School Canteens—used for preparation of meals	...	25
School Canteens—service of meals only	...	10
Industrial Canteens	...	7
Egg Packing Stations	...	1
Licensed Premises	...	52
Cheese Processing Factory	...	1
Mineral Water Manufactories	...	2
Admiralty Establishment Canteens	...	3

FOOD POISONING

No cases were notified during the year.

FOOD AND DRUGS ACT, 1955

Sampling of food for compositional quality under the Food and Drugs Act is administered by the County Council. Mr. F. W. J. Read, M.I.W.M.A., Chief Inspector of Weights and Measures has reported as follows on samples taken in the Rural District during 1965:—

9 samples of soft drinks.

47 Miscellaneous samples.

APPENDIX "A"

DETAILS OF DWELLINGS AND AMENITIES IN PARISHES

PARISH	No. of Dwellings	With piped Water Supply	Connected to Sewer	Connected to Cesspit
Ambleston	98	98	19	19
Boulston	25	25	—	12
Brawdy	137	137	43	33
Burton	208	204	25	54
Camrose	238	238	80	59
Castlebythe	29	17	—	1
Cathedral Close	10	10	9	—
Dale	121	121	103	—
Fishguard South	122	97	28	26
Freystrop	98	98	34	30
Granston	35	32	—	10
Hamlet St. Martin	142	142	109	16
Hamlet St. Thomas	59	59	49	3
Haroldston St. Issells	371	371	336	10
Haroldston West	52	52	—	10
Hasguard	26	26	4	7
Hayscastle	85	79	14	24
Henry's Moat	45	38	—	4
Herbrandston	96	96	62	3
Hubberston	29	29	1	16
Johnston	421	421	314	54
Jordanston	42	37	10	10
Lambston	53	53	6	11
Llangwm	416	416	246	66
Letterston	269	269	221	33
Little Newcastle	43	34	—	5
Llandeloy	65	65	14	18
Llanfairantgof	111	110	102	3
Llanhowell	23	21	—	6
Llanllawer	15	3	—	3
Llanrhian	299	299	130	37
Llanrithan	11	9	—	4
Llanstadwell	295	283	116	59
Llanstinan	105	95	74	5
Llanwnda	110	100	—	25
Llanychaer	39	35	15	10
Manorowen	40	37	—	8
Marloes	97	97	32	13
Mathry	187	182	78	28
Morvil	24	16	—	3
Nolton	51	50	10	16
North Prendergast	119	116	83	24
Pontfaen	8	3	—	4
Puncheston	65	63	19	10
Robeston West	29	29	6	9
Roch	147	140	51	23
Rosemarket	136	136	64	10
Rudbaxton	149	142	15	72
St. Brides	24	23	6	13
St. Davids	596	559	406	105
St. Dogwells	108	86	20	23
St. Edrins	17	16	—	4
St. Elvis	2	2	—	2
St. Ishmaels	131	111	46	16
St. Lawrence	27	27	—	7
St. Nicholas	50	50	14	12

PARISH	No. of Dwellings	With piped Water Supply	Connected to Sewer	Connected to Cesspit
Spittal	102	102	30	20
Steynton	146	146	91	55
Talbenny	61	61	32	22
Treffgarne	32	27	—	8
Uzmaston	74	74	34	25
Walton East	45	43	8	11
Walton West	166	166	121	30
Walwyns Castle	68	65	4	16
Whitchurch	306	306	236	56
Wiston	195	195	78	31

APPENDIX "B" HOUSING DEMAND

PARISH	SITE	HOUSING DEMAND			TOTAL
		Subsi- dised Houses	Flats and Bungs	Ability to Pay.	
AMBLESTON	Nant-yr-Eglwys	—	—	—	—
BOULSTON	—	—	—	—	—
BRAWDY	Treffgarne Owen	1	—	—	1
	Penycwm				
BURTON	Hill Crescent	2	4	—	6
CAMROSE	Camrose North				
	Croft Villas				
	Sunnybank				
	Pelcomb	6	11	—	17
	Keyston				
	Simpson Cross				
	Sunningdale				
CASTLEBYTHE	—	—	—	—	—
CATHEDRAL CLOSE	—	—	—	—	—
DALE	Meadow Vale	10	—	—	10
FISHGUARD SOUTH	Cefn Coed				
	West Gate	3	17	—	20
	Chapel Road				
FREYSTROP	Heathfield Terrace	10	—	—	10
GRANSTON	—	—	—	—	—
HAMLET ST. MARTIN	Slade Lane				
	Slade Villas	3	10	—	13
	Glen View	—	—	—	—
HAMLET ST. THOMAS	St. Issells Avenue				
HAROLDSTON ST. ISSELLS	St. Thomas Avenue				
	Haroldston Close				
	St. Margaret's				
	Close	21	50	12	83
	2 Cottages (Pre				
	War acquired.				
	Rose Cottages				
HAROLDSTON WEST	—	—	—	—	—
HASGUARD	North Leys	—	—	—	—
HAYSCASTLE	Glan Hafod	1	—	—	1
HENRY'S MOAT	—	—	—	—	—
HERBRANDSTON	St. Margaret's Way	3	—	—	3
	Haven Park	—	—	—	—
HUBBERSTON	—	—	—	—	—
JOHNSTON	The Close				
	Glebelands				
	Greenhall Park				
	Hillcroft	9	24	10	43
	Langford Road				
	Vine Road				
JORDANSTON	Panteg Terrace	—	—	—	—
	Trem-y-Garn	—	—	—	—
LAMBSTON	Margam View	—	—	—	—

			HOUSING DEMAND			
PARISH		SITE	Subsi- dised Houses	Flats and Bungs.	Ability to Pay.	TOTAL
LLANGWM	...	...		
		Glanhafon ...	1	8	—	9
		Lake Villas ...				
		Rectory Road ...				
		Esther's Lane ...				
		Rectory Road (No. 14) ...	—	14	—	14
		Greenway, Hook ...				
		Greenway Close, ...				
		Furzeycrest, Hook ...				
		Pill Road, Hook ...				
LETTERSTON	...	...		
		Station Road ...	4	13	—	17
		Min-y-Llan ...				
		Hyfrydle ...				
		Spring Gardens ...				
		Supply Stores ...				
LITTLE NEWCASTLE	...	—	—	—	—	—
LLANDELOY		Llandeloy Village ...	1	—	—	1
		Treffynnon ...				
LLANFAIRNANTYGOF	...	Ffos Las ...	5	8	—	13
LLANSTINAN	...	Wesley Place, ...				
		Trecwn ...				
LLANHOWELL	...	—	—	—	—	—
LLANLLAWER	...	—	—	—	—	—
LLANRHIAN	...	...		
		Heol Rhian ...	3	12	—	15
		Penygroes ...				
		Ael-y-Felin, ...				
		Penparc ...				
		Morawel, ...				
		Croesgoch ...				
		Bryn-y-Derwydd, ...				
		Trevine ...				
LLANREITHAN	...	—	—	—	—	—
LLANSTADWELL	...	...		
		Alban Crescent, ...	5	15	—	20
		Waterston ...				
		Greenlane, ...				
		Waterston ...				
		Main Road, ...				
		Waterston ...				
		St. Mary's Park ...				
		Jordanston ...				
		Leonardston Road ...	—	—	—	—
		Church Road, ...				
		Llanstadwell ...				
		Mill House, ...	3	2	—	5
		Llanstadwell ...				
LLANWYNDRA	...	Min-y-Rhos ...	2	3	—	5
LLANYCHAER	...	Bryn Deri ...	—	—	—	—
MANOROWEN	...	—	—	—	—	—
MARLOES	...	Gaylane Terrace ...	3	2	—	5
		Sunnyside ...				

			HOUSING DEMAND			
PARISH		SITE	Subsi- dised Houses	Flats and Bungs.	Ability to Pay.	TOTAL
MATHRY	...	Brynamlwg	2	4	—	6
		Brynhydydd				
		Bryn-y-Mor				
		Bryn Eirin				
		Llwyn Celyn, Castlemorris				
MORVIL	...	—	—	—	—	—
NOLTON	...	Hilton Crest	1	—	—	1
NORTH PRENDERGAST	...	Glanafon View	11	—	—	11
PONTEAEN	...	—	—	—	—	—
PUNCHESTON	...	Park Avenue	—	1	—	1
ROBESTON WEST	...	Robeston West	—	—	—	—
ROCH	...	Pilgrim's Way	1	2	—	3
ROSEMARKET	...	Ellesmere Avenue	2	3	—	5
		St. Leonard's Park				
		Middle Street				
RUDBAXTON	...	Howard's Crescent, Crundale	1	1	—	2
		New Site				
ST. BRIDES	...	Kensington Terrace	—	—	—	—
ST. DAVIDS	...	Carnhedryn	7	37	—	44
		Heol Dewi				
		Noddfa Dewi				
		Maes Dewi				
ST. DOGWELLS	...	Penygarn	1	5	—	6
		Glancloddau				
		Bryngomer				
ST. EDRINS	...	—	—	—	—	—
ST. ELVIS	...	—	—	—	—	—
ST. ISHMAELS	...	Lindsway Villas	1	10	—	11
		Grove Road				
		Trewarren Close				
ST. LAWRENCE	...	—	—	—	—	—
ST. NICHOLAS	...	Bryn-y-werydd	—	1	—	1
		Llys-y-Driw				
SPITTAL	...	Wesley Way				
		Old Police House	—	2	—	2
STEYNTON	...	Tiers Cross	—	—	—	—
TALBENNY	...	Talbenny School House	—	—	—	—
TREFFGARNE	...	—	—	—	—	—
UZMASTON	...	Riverside View	—	—	—	—
WALTON EAST	...	St. Mary's Avenue	1	—	—	1
WALTON WEST	...	Grassholm Place	5	14	—	19
		Millmoor Way				
WALWYN'S CASTLE	...	Walwyn's Castle	—	—	—	—
WHITCHURCH	...	Maes Ewan	8	19	—	27
		Western Avenue				
		Bryn Seion				
WISTON	...	Panteg Road	—	—	—	—
		Oaklands Terrace	1	4	—	5
		Clarbeston Road				
			135	294	22	451

APPENDIX "C" HOUSING DEVELOPMENTS

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
Ambleston	—	6	6	—
Boulston	—	—	—	—
Brawdy	—	12	14	—
Burton	—	20	20	—
	—	8	12	—
	—	4 Bngs.	—	—
Camrose	2	—	2	—
	—	12	12	—
	—	4 Bngs.	4	—
	—	16	16	—
	—	6	6	—
	—	12 Bngs.	12	—
	—	4 Bngs.	4	—
Castlebythe	—	—	—	—
Cathedral Close	—	—	—	—
Dale	—	16	16	—
Fishguard South	—	20	20	9 Bngs.
	—	6 Bngs.	6	—
	—	4 Bngs.	4	—
Freystrop	—	8	10	—
	—	2 Bngs.	—	—
Granston	—	—	—	—
Hamlet St. Martin	—	4 Hses. 16 Flats.	20	—
	—	8	8	—
Hamlet St. Thomas	—	40	40	—

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
Haroldston	St. Issells	...	...	...	213	8 Hses. 7 Bngs.
	St. Issells Avenue	—	—	54 7 Flats.		
	St. Thomas Avenue	—	—	28		
	Walters Avenue	—	—	20		
	Haroldston Close	—	—	42		
	St. Margaret's Close	—	—	12		
	Jenkins Close	—	—	24 Bngs.		
	2 cottages (pre-war acquired)	—	—	26 Bngs.	2*	
	Rose Cottages	—	—	2*		
Haroldston West	...	—	—	—	—	—
Hasguard	North Leys	—	—	4	4	—
Haycastle	Glan Hafod	—	—	14	14	—
Henry's Moat	—	—	—	—	—	—
Herbranston	St. Margaret's Way	—	—	18	20	—
	Haven Park	—	—	2 Bngs.	30	—
Hubberston	—	—	—	—	—	—
Johnston	The Close	—	—	72	205	4 Hses. 6 Bngs.
	Glebelands	—	—	40		
	Greenhall Park	—	—	4 Bngs.		
	Hillcroft	—	—	12 Flats.		
	Langford Road	—	—	16		
	Vine Road	—	—	14		
	Panteg Terrace	—	—	38 Bngs.		
	Trem-y-Garn	—	—	6		
Jordanston	Margam View	—	—	—	4	4
	...	—	—	—	6	6
Lambston	...	—	—	—	6	6

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
Llangwm	Glanhafan ...	—	—	22 4 Bngs.	76	2 Bngs. Llangwm 4 Bngs. Hook
	Lake Villas	—	—	6 Bngs.		
	Rectory Road	—	—	6 Bngs.		
	Esther's Lane	—	—	5 Bngs.		
	Rectory Road (No. 14)	—	—	1*		
	Greenway, Hook	—	—	12		
	Greenway Close, Hook	—	—	4 Bngs.		
	Furzey Crest, Hook	—	—	6 Bngs.		
	Pill Road, Hook	—	—	—		
	South View, Hook	—	—	2 Hses. 6 Bngs.		
Letterston	Station Road	—	—	12 4 Bngs	16	8 Bngs.
	Min-y-Llan	—	—	54	68	
	Hyfrydle	—	—	8 Bngs.		
	Spring Gardens	—	—	6 Bngs.		
	Supply Stores	—	—	1*	1*	
Little Newcastle	—	—	—	—	—	—
Llandeloy	Llandeloy Village	—	—	8	8	—
	Trefynnnon	—	—	6	6	—
Llanfairnantyogof	Ffos Las	—	—	16 Bngs.	16	—
Llanstinan	Wesley Place, Trecwn	—	—	48	48	—
Llanhowell	—	—	—	—	—	—
Llanllawer	Heol Rhian, Llanrhian	—	—	—	—	—
Llanrhian	Penygroes	—	—	8	8	8 Bngs.
	Ael-y-Felin, Penparc	—	—	20	12	
	Morawel, Croesgoch	—	—	8	20	
	Bryn-y-Derwydd, Trevine	—	—	8 Bngs. 12 Bngs.	16	
		—	—	12	12	

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
Llanreithan	...	—	—	—	—	—
Llanstadwell	...	—	—	30	30	—
	Alban Crescent, Waterston	—	—	3*	3*	—
	Greenlane, Waterston	—	—	8 Bngs.	8	—
	Main Road, Waterston	—	—	32*	32*	—
	St. Mary's Park, Jordanston	—	—	9*	9*	—
	Leonardston Road	—	—	2	6	—
	Church Road, Llanstadwell	—	—	4 Flats.	—	—
	Mill House, Llanstadwell	—	—	3*Flats.	3*	—
Llanwnda	...	—	—	5	10	—
	Min-y-Rhos	—	—	5 Bngs.	—	—
Llanychaer	...	—	—	6	6	—
Manorowen	...	—	—	—	—	—
Marloes	...	—	—	—	—	—
	Bryn Deri	—	—	—	—	—
	Gaylane Terrace	—	—	12 Hses.	20	—
	Sunnyside	—	—	4 Bngs.	4	—
	Brynamlwg	—	—	4 Bngs.	2	—
Mathry	...	2	—	—	20	—
	Brynhedydd	—	—	12	—	—
	Bryn-y-Mor	—	—	8 Bngs.	8	—
	Bryn Eirin	—	—	4 Bngs.	—	—
	Llwyn Celyn	—	—	6 Bngs.	6	—
	Castlemorris	—	—	6	10	—
	...	—	—	4 Bngs.	—	—
Morvil	...	—	—	—	—	—
Nolton	...	—	—	6	6	—
North Prendergast	...	—	—	12	12	1 Hse.
	Glanafon View	—	—	1	1	—
	Withybush Lodge	—	—	—	—	—
Pontfaen	...	—	—	—	—	—
Puncheston	...	—	—	10	10	—
	Park Avenue	—	—	—	—	—

PARISH		SITE		Pre War	War Time	Post War	TOTAL	Under Construction
Robeston West	Robeston West	...	—	6	6	—
Roch	Pilgrim's Way	...	—	10	24	—
Rosemarket	Ellesmere Avenue	...	—	14 Bngs.	12	—
			St. Leonard's Park	...	—	12	14	—
						2 Bngs.		
			Middle Street	...	—	8 Bngs.	8	—
			Hall's Nook ...	...	—	2 Hses.	8	—
			Howard's Crescent	...	—	6 Bngs.	16	—
Rudbaxton	Crundale ...	...	—	4 Bngs.	4	
			New Site ...	...	—	6	6	—
St. Brides	Kensington Terrace	...	—	—	2	—
St. Davids	Carnhedryn	...	2	64	64	—
			Heol Dewi ...	...	—	6 Bngs.	6	—
			Noddfa Dewi	...	—	15 Bngs.	15	—
			Maes Dewi ...	...	—	8	40	—
			Penygarn ...	...	—	32 Bngs.		
St. Dogwells	Glanceddau	...	—	12	12	—
			Bryngomer ...	...	—	4 Bngs.	8	—
St. Edrins	—	—	—	—	—	—
St. Elvis	—	—	—	—	—	—
St. Ishmaels	Lindsway Villas	...	4	12	20	8 Bngs.
			Grove Road	...	—	4 Bngs.		
			Trewarren Close	...	—	10	10	—
St. Lawrence	—	—	—	—	—	—
St. Nicholas	Bryn-y-Werydd	...	—	6	8	—
			Llys-y-Dryw ...	...	—	2 Bngs.		—

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
Spittal ...	Wesley Way ...	...	...	18	24	—
				6 Bngs.		
Steynton	Old Police House ...	...	—	1*	1*	—
Talbenny	Tiers Cross ...	...	4	10	14	—
Treffgarne	Talbenny School House ...	...	—	1*	1*	—
Uzmaston	—	...	—	—	—	—
Walton East	Riverside View ...	...	—	8	8	—
Walton West	St. Mary's Avenue	...	—	8	8	—
	Grassholm Place ...	...	—	10	10	15 Hses.
	Millmoor Way ...	...	—	4	8	(Private)
				4 Bngs.		
Walwyns Castle	Walwyns Castle ...	...	—	4	4	—
Whitchurch ...	Maes Ewan ...	...	—	20	20	—
	Western Avenue ...	...	—	48	64	—
				4 Bngs.		
	Bryn Seion ...	...	—	8 Bngs.		
	Panteg Road ...	...	—	4 Bngs.		
	Oaklands Terrace ...	...	—	8	10	—
Wiston ...		...		2 Bngs.		
	Clarbeston Road ...	...	2	12	24	2 Hses.
				10 Bngs.		

